

What is claimed is:

1. A data processing apparatus comprising:
a combining device for combining main data including at least one of audio data and image data with associated information indicating limitation information for limiting reproduction operation of said main data when reproducing the main data; and
a transmitting device for transmitting said main data combined with said associated information.
2. The data processing apparatus according to Claim 1, wherein said associated information comprises frame rate information indicating a frame rate of said main data.
3. The data processing apparatus according to Claim 1, wherein said limitation information includes information for limiting reproduction speed of said main data.
4. The data processing apparatus according to Claim 1, wherein said limitation information includes information for limiting a display size of image when reproducing the main data.
5. The data processing apparatus according to Claim 1, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data.

6. The data processing apparatus according to Claim 1, wherein said transmitting device transmits said main data combined with said associated information through a communication path.

7. The data processing apparatus according to claim 1, wherein said transmitting device allows recording said main data combined with said associated information on recording medium.

8. The data processing apparatus according to Claim 1, further comprising an adjuster for adjusting a frame rate of said main data.

9. The data processing apparatus according to Claim 8, wherein said adjuster adjusts the frame rate of said main data transmitted from said transmitting device by storing said main data temporarily on a storage medium and controlling read-out of said main data from said storage medium according to a bandwidth of said communication path referring to said limitation information.

10. A data processing method comprising the steps of:
combining main data including at least one of audio data and image data with associated information indicating limitation information for limiting reproduction operation of said main data when reproducing the main data; and
transmitting said main data combined with said associated

information.

11. The data processing method according to Claim 10, wherein said associated information comprises frame rate information indicating a frame rate of said main data.

12. The data processing method according to Claim 10, wherein said limitation information includes information for limiting reproduction speed of said main data.

13. The data processing method according to Claim 10, wherein said limitation information includes information for limiting a display size of image when reproducing the main data.

14. The data processing method according to Claim 10, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data.

15. The data processing method according to Claim 10, wherein, in said step of transmitting said main data, said main data combined with said associated information is transmitted through a communication path.

16. The data processing method according to Claim 10, wherein, in said step of transmitting said main data, said main data combined with said associated information is recorded on

recording medium.

17. The data processing method according to Claim 10 further comprising the step of adjusting a frame rate of said main data.

18. The data processing method according to Claim 17, wherein, in said step of adjusting said frame rate, the frame rate of said main data transmitted in said step of transmitting said main data is adjusted by storing said main data temporarily on a storage medium and controlling read-out of said main data from said storage medium according to a bandwidth of said communication path referring to said limitation information

19. A program for allowing a computer to perform data processing method, said method comprising the steps of:

combining main data including at least one of audio data and image data with associated information indicating limitation information for limiting reproduction operation of said main data when reproducing the main data; and

transmitting said main data combined with said associated information.

20. A data processing apparatus comprising:

a determining device for determining whether or not indication information indicates limitation information for limiting reproduction operation of main data including at least one of audio data and image data; and

a combining device for combining said main data with associated information indicating said limitation information when said determining device determines that said indication information indicates said limitation information.

21. The data processing apparatus according to Claim 20, wherein said associated information comprises frame rate information indicating a frame rate of said main data.

22. The data processing apparatus according to Claim 20, wherein said limitation information includes information for limiting reproduction speed of said main data.

23. The data processing apparatus according to Claim 20, wherein said limitation information includes information for limiting a display size of image when reproducing the main data.

24. The data processing apparatus according to Claim 20, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data.

25. A data processing method comprising the steps of:
determining whether or not indication information indicates limitation information for limiting reproduction operation of main data including at least one of audio data and image data;
and

combining said main data with associated information indicating said limitation information when determining that said indication information indicates said limitation information in said determining step.

26. The data processing method according to Claim 25, wherein said associated information comprises frame rate information indicating a frame rate of said main data.

27. The data processing method according to Claim 25, wherein said limitation information includes information for limiting reproduction speed of said main data.

28. The data processing method according to Claim 25, wherein said limitation information includes information for limiting a display size of image when reproducing the main data.

29. The data processing method according to Claim 25, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data.

30. A program for allowing a computer to perform data processing method, said method comprising the steps of:

determining whether or not indication information indicates limitation information for limiting reproduction operation of main data including at least one of audio data and image data;

and

combining said main data with associated information indicating said limitation information when determining that said indication information indicates said limitation information in said determining step.

31. A data processing apparatus comprising:

a determining device for determining whether or not indication information on main data including at least one of audio data and image data indicates limitation information for limiting reproduction operation of said main data; and

a correcting device for correcting said associated information on said main data when said determining device determines that said indication information indicates said limitation information.

32. The data processing apparatus according to Claim 31, wherein said associated information comprises frame rate information indicating a frame rate of said main data.

33. The data processing apparatus according to Claim 31, wherein said limitation information includes information for limiting reproduction speed of said main data.

34. The data processing apparatus according to Claim 31, wherein said limitation information includes information for limiting a display size of image when reproducing the main data.

35. The data processing apparatus according to Claim 31, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data.

36. The data processing apparatus according to Claim 31, wherein said indication information is provided from a user.

37. A data processing method comprising the steps of:
determining whether or not indication information on main data including at least one of audio data and image data indicates limitation information for limiting reproduction operation of said main data; and
correcting associated information on said main data when it is determined in said determining step that said indication information indicates said limitation information.

38. The data processing method according to Claim 37, wherein said associated information comprises frame rate information indicating a frame rate of said main data.

39. The data processing method according to Claim 37, wherein said limitation information includes information for limiting reproduction speed of said main data.

40. The data processing method according to Claim 37,

wherein said limitation information includes information for limiting a display size of image when reproducing the main data.

41. The data processing method according to Claim 37, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data.

42. The data processing method according to Claim 37, wherein said indication information is provided from a user.

43. A program for allowing a computer to perform data processing method, said method comprising the steps of:

determining whether or not indication information on main data including at least one of audio data and image data includes limitation information for limiting reproduction operation of said main data; and

correcting associated information on said main data when it is determined in said determining step that said indication information indicates said limitation information.

44. A data processing apparatus comprising:

an editing device for editing main data including at least one of audio data and image data; and

a combining device for combining said main data edited in said editing device with associated information indicating limitation information for limiting reproduction operation of

said main data when reproducing said main data.

45. The data processing apparatus according to Claim 44, wherein said associated information comprises frame rate information indicating a frame rate of said main data.

46. The data processing apparatus according to Claim 44, wherein said limitation information includes information for limiting reproduction speed of said main data.

47. The data processing apparatus according to Claim 44, wherein said limitation information includes information for limiting a display size of image when reproducing the main data.

48. The data processing apparatus according to Claim 44, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data.

49. A data processing method comprising the steps of:
editing main data including at least one of audio data and image data; and

combining said main data edited in said editing step with associated information indicating limitation information for limiting reproduction operation of said main data when reproducing said main data.

50. The data processing method according to Claim 49, wherein said associated information comprises frame rate information indicating a frame rate of said main data.

51. The data processing method according to Claim 49, wherein said limitation information includes information for limiting reproduction speed of said main data.

52. The data processing method according to Claim 49, wherein said limitation information includes information for limiting a display size of image when reproducing the main data.

53. The data processing method according to Claim 49, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data.

54. A program for allowing a computer to perform data processing method, said method comprising the steps of:
editing main data including at least one of audio data and image data; and

combining said main data edited in said editing step with associated information indicating limitation information for limiting reproduction operation of said main data when reproducing said main data.

55. A data processing apparatus comprising:

a determining device for determining whether or not main data including at least one of audio data and image data is combined with associated information indicating limitation information for limiting reproduction operation of said main data; and

a reproducing device for reproducing said main data based on said limitation information when said determining device determines that said main data is combined with said associated information.

56. The data processing apparatus according to Claim 55, wherein said associated information comprises frame rate information indicating a frame rate of said main data; and

wherein said reproducing device reproduces said main data based on said frame rate information.

57. The data processing apparatus according to Claim 55, wherein said limitation information includes information for limiting reproduction speed of said main data; and

wherein said reproducing device reproduces said main data at the reproduction speed based on said limitation information.

58. The data processing apparatus according to Claim 55, wherein said limitation information includes information for limiting a display size of image when reproducing the main data; and

wherein said reproducing device reproduces said main data at

the display size based on said limitation information.

59. The data processing apparatus according to Claim 55, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data; and

wherein said reproducing device reproduces said main data at the quality based on said limitation information.

60. The data processing apparatus according to Claim 55, wherein said reproducing device reproduces said main data according a condition set beforehand when said main data is not combined with said associated information.

61. The data processing apparatus according to Claim 55 further comprising an adjusting device for adjusting a frame rate of said main data.

62. The data processing apparatus according to Claim 61, wherein said limitation information indicates reproduction speed; and

wherein said adjusting device adjusts a frame rate of said main data when reproducing said main data to a reproduction speed of said audio data and image data indicated by said limitation information.

63. The data processing apparatus according to Claim 61,

wherein said limitation information indicates a speed range available for reproduction; and

wherein said adjusting device adjusts a frame rate of said main data when reproducing said main data to a reproduction speed of said audio data and image data within said speed range indicated by said limitation information.

64. The data processing apparatus according to Claim 61, wherein said limitation information indicates a recommended reproduction speed; and

wherein said adjusting device adjusts a frame rate of said main data when reproducing said main data to the recommended reproduction speed of said audio data and image data indicated by said limitation information.

65. A data processing method comprising the steps of:
determining whether or not main data including at least one of audio data and image data is combined with associated information indicating limitation information for limiting reproduction operation of said main data; and

reproducing said main data based on said limitation information when determining that said main data is combined with said associated information in said determining step.

66. The data processing method according to Claim 65, wherein said associated information comprises frame rate information indicating a frame rate of said main data; and

wherein said main data is reproduced based on said frame rate information in said reproducing step.

67. The data processing method according to Claim 65, wherein said limitation information includes information for limiting reproduction speed of said main data; and

wherein said main data is reproduced at the reproduction speed based on said limitation information in said reproducing step.

68. The data processing method according to Claim 65, wherein said limitation information includes information for limiting a display size of image when reproducing the main data; and

wherein said main data is reproduced at the display size based on said limitation information in said reproducing step.

69. The data processing method according to Claim 65, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data; and

wherein said main data is reproduced at the quality based on said limitation information in said reproducing step.

70. The data processing method according to Claim 65, wherein, in said reproducing step, said main data is reproduced according a condition set beforehand when said main data is not

combined with said associated information.

71. The data processing method according to Claim 65 further comprising the step of adjusting a frame rate of said main data.

72. The data processing method according to Claim 71, wherein said limitation information indicates reproduction speed; and

wherein, in said adjusting step, a frame rate of said main data when reproducing said main data is adjusted to a reproduction speed of said audio data and image data indicated by said limitation information.

73. The data processing method according to Claim 71, wherein said limitation information indicates a speed range available for reproduction; and

wherein, in said adjusting step, a frame rate of said main data when reproducing said main data is adjusted to a reproduction speed of said audio data and image data within said speed range indicated by said limitation information.

74. The data processing method according to Claim 71, wherein said limitation information indicates a recommended reproduction speed; and

wherein, in said adjusting step, a frame rate of said main data when reproducing said main data is adjusted to the recommended reproduction speed of said audio data and image data

indicated by said limitation information.

75. A program for allowing a computer to perform data processing method, said method comprising the steps of:

determining whether or not main data including at least one of audio data and image data is combined with associated information indicating limitation information for limiting reproduction operation of said main data; and

reproducing said main data based on said limitation information when determining that said main data is combined with said associated information in said determining step.

76. A data recording medium for recording data that combines main data including at least one of audio data and image data with associated information indicating limitation information for limiting reproduction operation of said main data.

77. The data recording medium according to Claim 76, wherein said associated information comprises frame rate information indicating a frame rate of said main data.

78. The data recording medium according to Claim 76, wherein said limitation information includes information for limiting reproduction speed of said main data.

79. The data recording medium according to Claim 76, wherein said limitation information includes information for limiting a

display size of image when reproducing the main data.

80. The data processing method according to Claim 76, wherein said limitation information includes information for maintaining quality of said main data when reproducing the main data.